

SOLUBLE ISCHEMIA ACTIVATED PROTEIN

INV: O. MIROCHNITCHENKO, ET AL.

SN: 09/960,631

01/07

#4

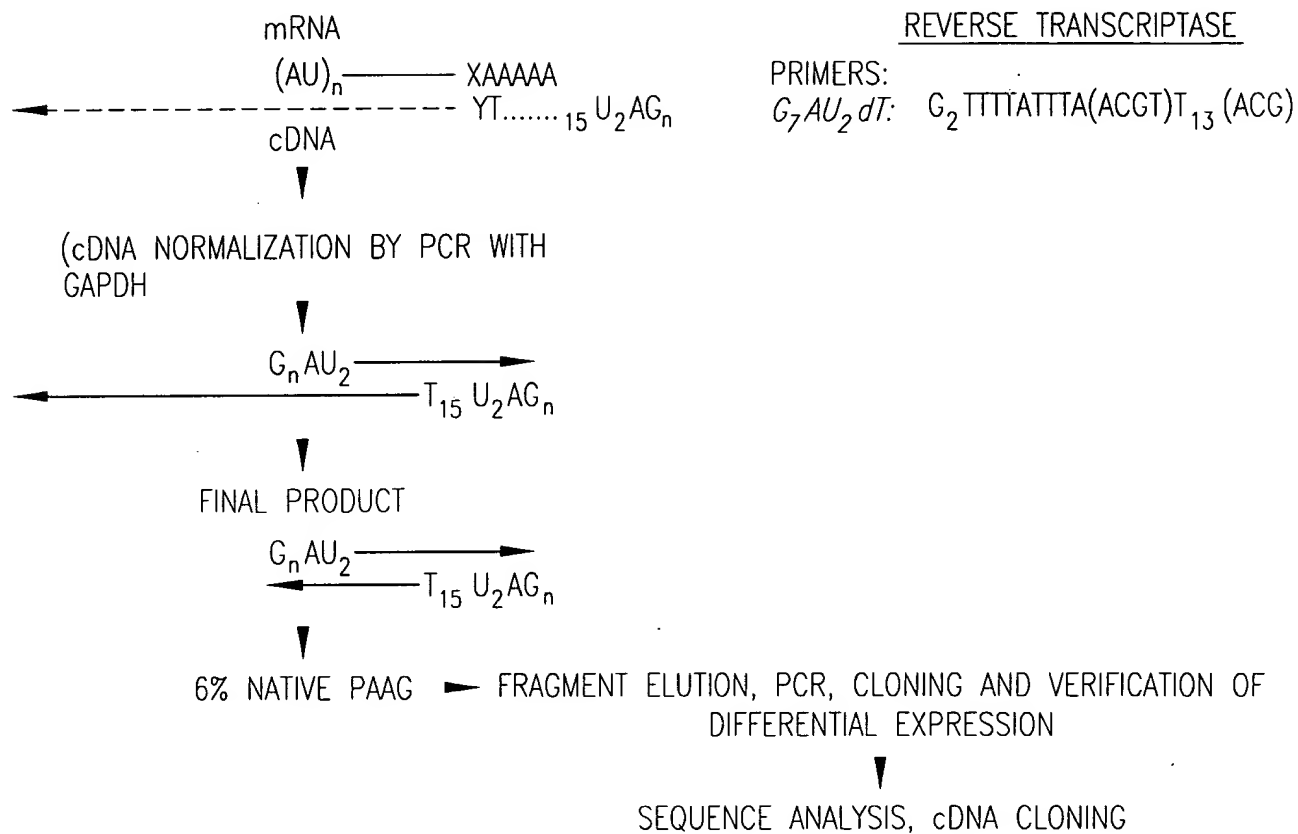
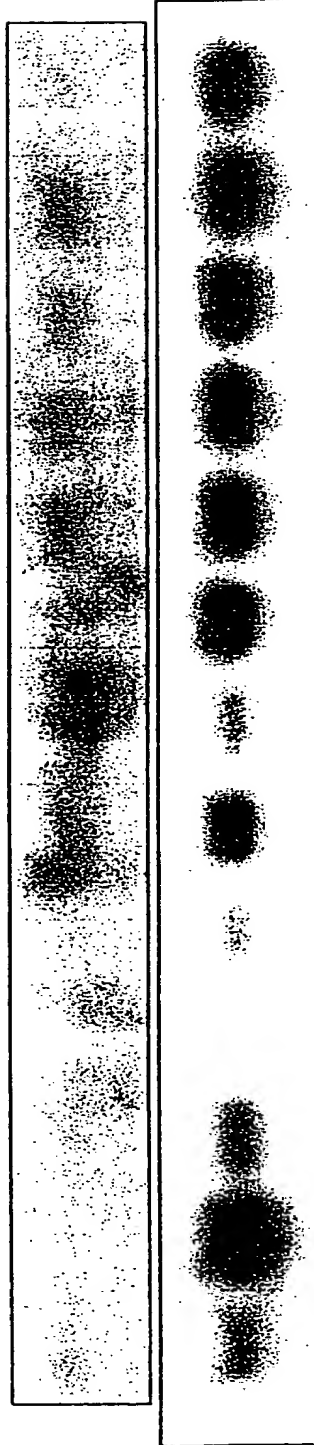


Fig. 1

02/07

1 2 3 4 5 6 7 8 9 10 11 12



1. Colon

2. Skeletal muscle

3. Liver

4. Spleen

5. Small Intestine

6. Ovary

7. Brain

8-12. Kidney samples

Upper panel: Northern blot hybridized with candidate gene probe
Lower panel: the same blot hybridized with mouse GAPDH gene probe, shown as
internal control

Fig. 2

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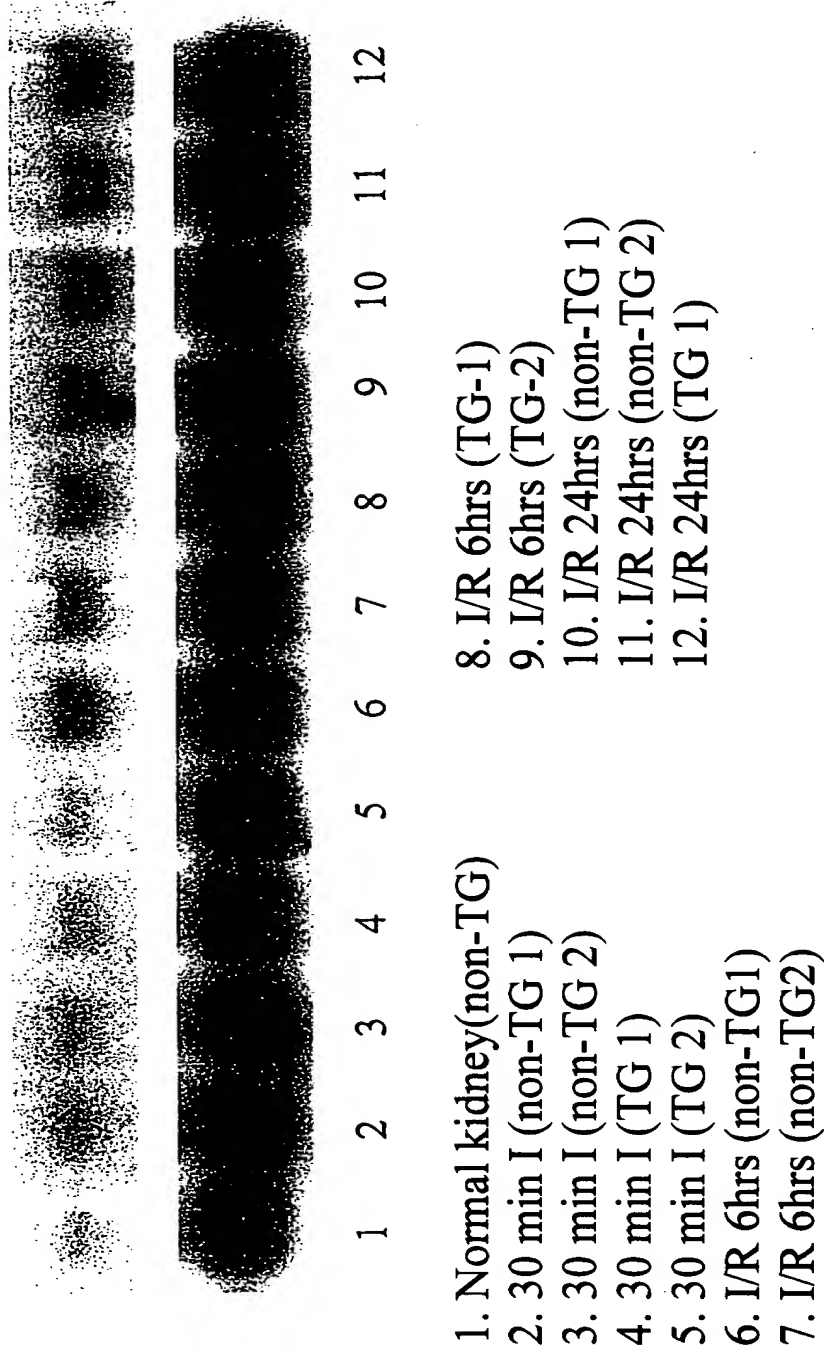


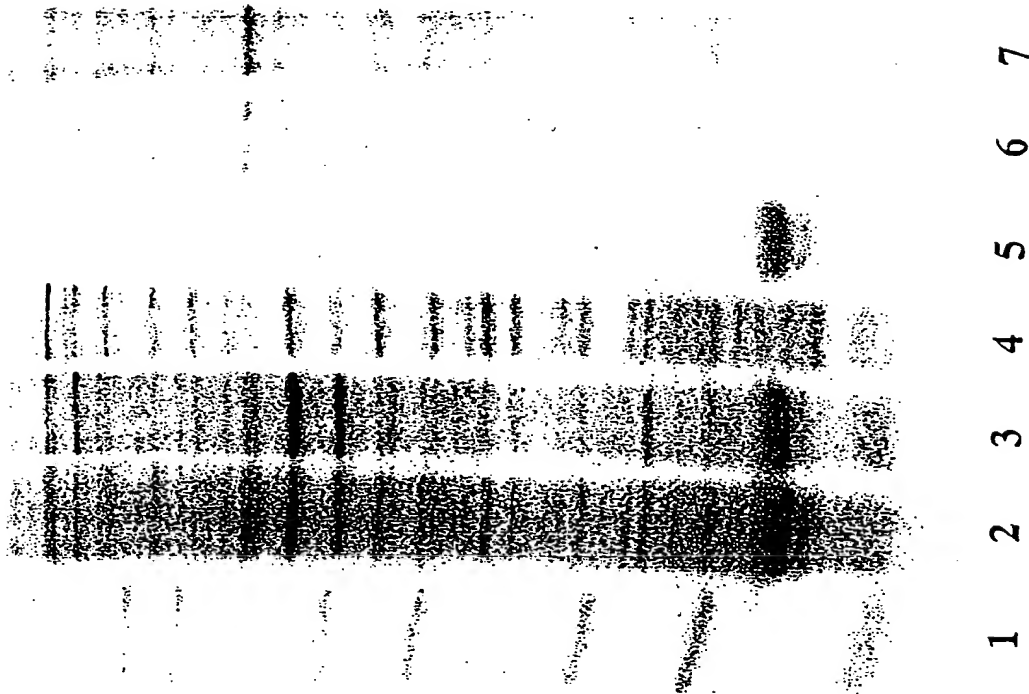
Fig. 3

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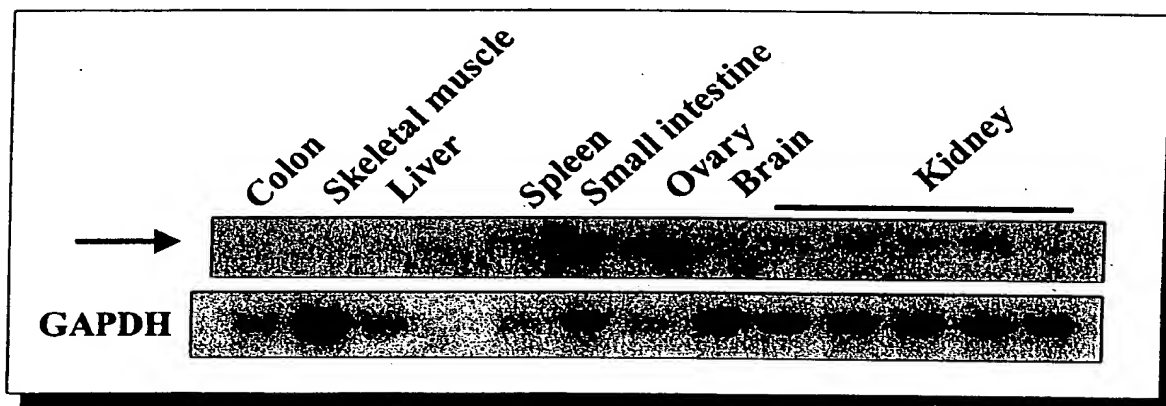
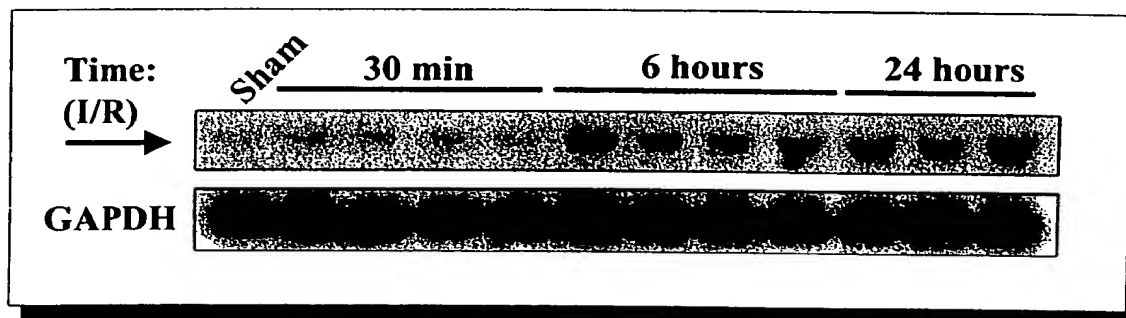
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1. Molecular marker
2. Total cell extract
3. 20,000g ppt after sonication
4. 180,000g ppt
5. 20% $(\text{NH}_4)_2\text{SO}_4$ ppt
6. 40% $(\text{NH}_4)_2\text{SO}_4$ ppt
7. 6-% $(\text{NH}_4)_2\text{SO}_4$ ppt

← IAP

**Fig. 4**

05/07

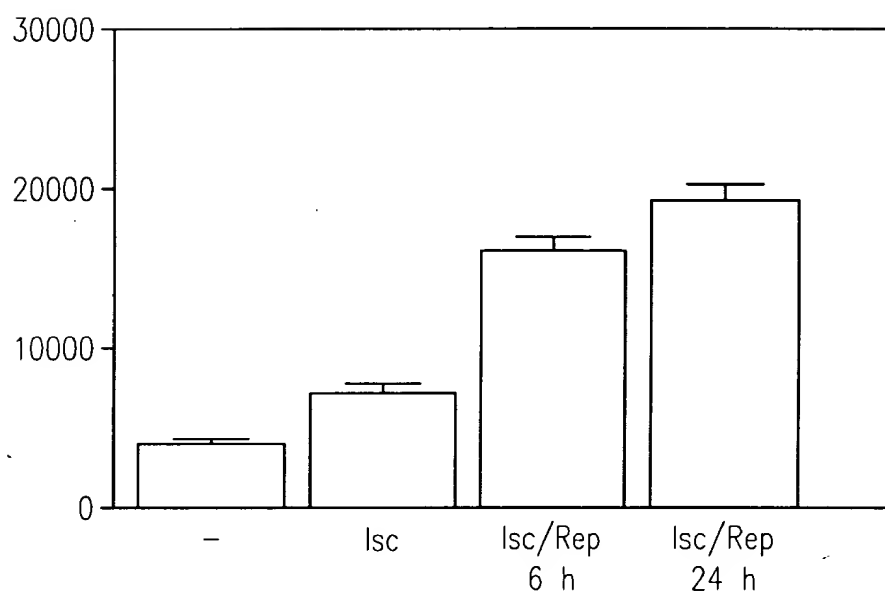
mRNA expression in mouse tissues**mRNA expression after kidney ischemia/reperfusion****Fig. 5**

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MEASUREMENT OF IAP mRNA
ACTIVATION DURING KIDNEY I/R *

* AT LEAST 4 ANIMALS WERE ANALYZED PER EACH GROUP.

Fig. 6

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07/07

Overexpression of IAP in Hela cells

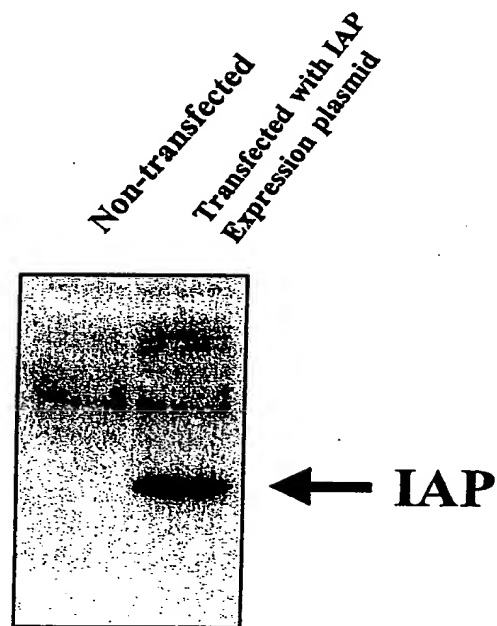


Fig. 7